

✻ FLAX ROOFING. ✻

MADE OF FLAX FIBRE AND ASPHALT.

AVERAGE LIFE, TWENTY YEARS.



FOR FLAT AND STEEP ROOFS.

WATER, FIRE AND ACID PROOF.

APPLIED BY ANY ONE.

NOT AFFECTED BY HEAT AND COLD.

HEAVY, CHEAP, STRONG AND DURABLE.

McTEAR & Co., LTD.,

SOLE MANUFACTURERS,

BELFAST, LONDON AND LIVERPOOL.

H. REINSTEDLER, IMPORTER,
NOS. 1104 TO 1112 NORTH THIRD STREET,
ST. LOUIS, Mo., U. S. A.

SPECIAL NOTICE.

TO THE TRADE.

MESSRS. MCTEAR & CO., Limited, are the largest manufacturers of Roofing in the world, with factories in Belfast, Manchester and London. They have been engaged in the exclusive manufacture of their PATENT FLAX ROOFING for nearly half a century, and are now selling it all over the United Kingdoms of Great Britain and Ireland, and also in India, Africa and Australia, and it has given good satisfaction everywhere. They refer you to letters received from those who have used it for from twenty to thirty years, in different countries, copies of which are published in this pamphlet. No other concern in the world can produce such references. They have sufficiently tested it to warrant the assertion that it is adapted for use in every climate, and not affected by extremes of heat or cold.

The materials used in the manufacture of this PATENT FLAX ROOFING (i. e. Irish Flax and Native Asphalt), insure a production that is superior to anything in the U. S. market. Irish Flax, of all fibres is the most lasting and the least subject to decay, and being saturated with native asphalt and compressed by great force into one fabric, it is the most durable roofing made.

The market is flooded with worthless layer-stuck "Prepared Roofings," and if the trade wants to be absolutely certain of getting a meritorious roof covering, McTear's Flax Roofing will meet the requirements.

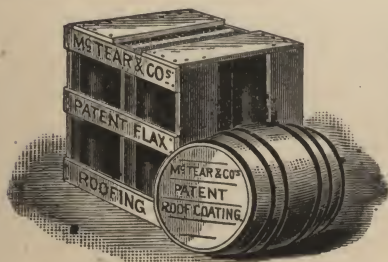
This roofing is not manufactured in the States, but is imported direct from the factories.

McTear & Co., in this their first effort to offer their PATENT FLAX ROOFING to the American trade, do so with full assurance of complete satisfaction.

HOW AND OF WHAT IS THIS ROOFING MADE?

This Roofing is made of Irish Flax, finely carded together, thoroughly saturated with native asphalt, and rolled under heavy pressure, producing a firm, strong and solid fabric. It is made in two grades or thicknesses; the first grade is intended for all substantial buildings, the second grade for temporary structures. The second grade is as heavy and will last longer than the domestic layer-stuck "Prepared Roofs."

HOW PUT UP.



This roofing is put up in rolls 26 $\frac{3}{4}$ yards long and 32 inches wide, a sufficient quantity to cover 200 square feet of surface, allowing for the laps and flashings. These rolls are packed in strong skeleton crates, four rolls in each crate, and when sold as Roofing complete, 2 gallons of patent varnish for coating, 1 $\frac{1}{2}$ pounds of tin washers, and 1 pound of barbed wire nails for fastening will accompany each order.

WHAT ARE THE ADVANTAGES OF A GOOD FELT ROOF?

A GOOD FELT ROOF has a good many advantages over other forms of Roofing.
It can be used on flat as well as steep roofs, a fall of one inch to the foot only being necessary to prevent standing water.
It will not rust or corrode, which soon ruins a tin or iron roof.
Anyone can apply it without previous experience.
It is very light, weighing when laid only about 85 pounds to 100 square feet.
It is cheaper than shingles, slate, tiles, thatch, adobe, tin or iron.
It will last AS LONG, IF NOT LONGER, than any of the above mentioned, or other forms of roofing extant.
It can be repaired at very little cost.
It is a non-conductor of heat and cold.
It is absolutely waterproof and practically fire-proof.
Acids and gases do not affect it.
It withstands successfully the extremes of heat and cold, and sudden changes of temperature.
It has strength sufficient to resist high winds and rough usage.

HOW LONG DOES IT LAST?

FROM THE BELFAST ROPEWORK CO., LTD., BELFAST, ROPE
AND TWINE MANUFACTURERS.

October 27th, 1888.

Dear Sirs—We are in receipt of your favor of 26th inst., and in reply, we think that the fact of your having erected about 200,000 square feet of felt roofing (viz., about five acres) for us, during the past nine years, is a sufficient "expression of opinion" that your roofs are suitable for our purpose, and that we are satisfied with the manner in which the work has been carried out.

July 10th, 1889.

Dear Sirs—We estimate the average life of McTear & Co.'s Roofing to be 20 years. We had some roofs which must have been up over 20 years, but owing to alterations we were compelled to take them down, and they were then in good condition. We do not think that extremes of heat and cold have any effect upon these roofs.

Messrs. McTEAR & Co., Ltd., Belfast.

FROM MESSRS. COMBE, BARBOUR & COMBE, ENGINEERS,
BELFAST.

July 31st, 1889.

Dear Sirs—We have been using Messrs. McTear & Co.'s Flax Roofing about 30 years, and it is at the present time in very good order indeed. Of course we make an occasional inspection of the roofs and recoat them about every 18 months, or as often as we deem it necessary. All our roofs are covered with McTear & Co.'s Flax Roofing, and we consider it as good a covering as slate.

IS IT ABSOLUTELY WATERTIGHT?

FROM MESSRS. COMBE, BARBOUR & COMBE, ENGINEERS,
BELFAST.

October 31st, 1888.

Dear Sirs—In reply to your inquiry, we have pleasure in informing you that we have a large experience of your roofs, extending over a great many years. They have always given us satisfaction, as they are water-tight, light and cheap.

Messrs. McTEAR & Co., Ltd., Belfast.

IS IT FIREPROOF ?

COPY OF LETTER FROM MCTEAR & CO., BELFAST, IRELAND.

December 29, 1888.

A falling spark has never yet been known to set one of our felt roofs on fire, nor even the large showers which come out of blast furnaces, and there are thousands of felt-covered roofs in this country in connection with foundries and mills of all sorts. A felt roof is also impervious to air, and therefore actually retards the fire instead of helping it, as the heat from the inside of a burning building in ordinary cases makes the slates fly, and gives free vent to the flames, while the felt roofing, being air tight, thereby retards the progress of the fire. There is no known case of a felt roof taking fire from the outside from falling sparks and firebrands.

HOW DOES IT LAST IN HOT AND COLD CLIMATES ?

COPY OF LETTER FROM MESSRS. MCTEAR & CO., BELFAST, IRELAND.

March 5th, 1889.

Dear Sir—We have sold our patent Asphalt Roofing for many years in Egypt, India and Australia; also in the northern part of Africa besides Egypt—for instance, Oran—and we never heard a complaint as to its being affected by the intense heat of those regions.

COPY OF LETTER FROM MESSRS. MURDOCH & TENPLETON, MANSOURAH, EGYPT.

July 31, 1889.

Dear Sir—We take pleasure in informing you that we are very well pleased with McTear & Co.'s Roofing, as regards its appearance, strength and durability. The weather here is, as you know, extremely hot, but it does not injure the Roofing in any way.

Our roofs were erected about five years ago. It is the cheapest system of Roofing we know of, and we can cheerfully recommend it to any one who may require a good, cheap roof.

COPY OF LETTER FROM ROBT. FISHER, BANGOR CASTLE, BELFAST.

July 24th, 1889.

Dear Sir—I am very much pleased with McTear's Roofing. It has stood the test of all kinds of weather remarkably well. It has now been on five years, and looks as good as when put on, and I should think it would last a lifetime. The weather seems to have no more effect on it than on slate roofs. In the North of Ireland we have very sudden changes of weather from heat to cold, and heavy and continued rains after long spells of dry weather, but it never takes any effect on the Felt. I have never seen anything to equal this form of Roofing anywhere; and this opinion has been expressed by every one who has seen it.

Messrs. McTear & Co. will give you all the information you desire, and I may say that any information they may give you may be relied on, as they stand very high in this country.

CAN ANYBODY PUT IT ON ?

This Roofing can be put on by anyone without previous experience. Full directions accompany each shipment. If these instructions are followed one man can put on 6 squares, or 600 square feet in a day. This is one of the great advantages this Roofing possesses:

EVERY MAN HIS OWN ROOFER.

CAN IT BE PUT ON OVER OLD SHINGLES ?

A QUESTION FREQUENTLY ASKED.

Shingle roofs leak for many reasons. Perhaps they are old, or the roof too flat; either of which unfits it for its purpose. People are greatly annoyed with such roofs, and it is a question how to remedy the difficulty. Some try to repair these roofs by driving in new shingles here and there, wherever there is a leak, but this has been almost totally abandoned, in view of the fact that it only affords a temporary relief. Such roofs can be made to do good service for quite a while longer by covering them with McTear & Co.'s Patent Flax Roofing. To do this, see that the roof is clear of rubbish, and remove all projections that would prevent the felt from laying flat on the surface, and then apply the same as on a new roof. When putting on this roofing over shingles, a longer nail should be used, in order that it may go through the shingles into the sheathing.

CAN HIGH WINDS BLOW THIS ROOF OFF ?

FROM MESSRS. POLLOCK & POLLOCK, MERCHANTS, LEEDS.

December 5th, 1881.

Dear Sirs—We will be glad to show anyone the roofs you erected for us some 11 years ago. They are still in very good condition—although in a very exposed situation—and they have stood the beat of gales which have blown down brick buildings in the immediate vicinity.

The sizes are: 130 x 30 feet; 40 x 42 feet; 100 x 28 feet.
Messrs. McTEAR & Co., Ltd., Belfast.

WHAT IS IT USED ON ?

This Roofing is adapted for use on all kinds of buildings where the roof has an incline of not less than 1 inch to the foot. It is used extensively, and is particularly adapted for use on warehouses, factories of every description, machine shops, lumber sheds, street car stables, livery stables, agricultural and mechanical buildings, foundries, mining buildings, saw mills, cattle and sheep sheds, cotton compress and warehouses, flouring mills, residences, barns, hay sheds, corn cribs, stores, pipe works, fair and exposition buildings, and in fact on all buildings where a good, strong, durable, cheap, fire and water-proof, light weight, easily constructed roof is desired or required.

HOW MUCH DOES IT WEIGH ?

This Roofing is very light, weighing only about 85, 70 and 60 pounds per square for first, second and third grades, respectively, when laid on the roof. Therefore quite a saving can be realized, not only in the construction of the frame-work of the roof, but also in freight, which comes enormously high on tin, iron, etc.

WHAT IS IT COATED WITH ?

PATENT ROOF COATING.



and cold.

A coating should be a protection to the felt, and it must therefore necessarily possess a body. Domestic manufacturers furnish a coating which, when applied to the felt, either soaks in or runs off, leaving the surface of the felt exposed to the influences of the atmosphere.

McTear & Co.'s Coating will neither crack, scale or run off, but stay where it is put; has a good body and is a protection to the felt.

This Patent Varnish has been manufactured by McTear & Co. for more than thirty years, and during this time it has been sufficiently tested to warrant the assertion that it is not affected by extremes of heat

HOW OFTEN SHOULD IT BE RECOATED ?

KEEP YOUR ROOF IN ORDER.

The roofs of houses are generally neglected, and only looked after when serious leaks occur; generally in the most inconvenient seasons. This difficulty would never occur if proper attention were given to recoating roofs as often as necessity requires. Then the question arises, what coating shall be used? My advice is, use only the best. How often should a roof be painted? is a question not easily answered. Roofs are affected according to the climate where they are laid. McTear & Co.'s Flax Roofing should be recoated with their Patent Varnish about every year or eighteen months, or as often as is necessary to keep a skin over the felt. An occasional inspection will keep you posted as to the condition of your roof. All roofs need attention; tin or iron will soon rust if not kept well painted. The cost of keeping this Roof in good condition is very little, much less than tin or iron.

If the above instructions are followed, your roof will last a long time.
See directions for applying the Roofing.

IS IT CHEAP ?

CHEAPER THAN SHINGLES, TIN, IRON OR SLATE.

The cost of this Roofing, comparatively speaking, is less than any other in the market, including tin, iron, slate or shingles, when all its advantages are considered. It actually costs no more than domestic felts, and is far superior, as is demonstrated elsewhere in this pamphlet.

PRICES

McTEAR'S FLAX ROOFING.

ROOFING COMPLETE.

First Grade, per square.....	\$ 3 75
Second Grade, per square.....	3 25

NOTE.—Above prices include sufficient felt, coating, tin washers and barbed wire nails to complete a square (10 x 10 feet).

PATENT VARNISH.

Per Gallon.....	\$.50
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SPECIAL DISCOUNTS TO DEALERS AND LARGE BUYERS.

Above prices are at warehouses. Drayage charged on shipments of less than car loads.

Terms 30 days, or 2 per cent. discount for cash in 10 days from date of invoice.

To insure speedy delivery, give shipping directions.

Either order by the square or give roof dimensions.

No fractional squares sold.

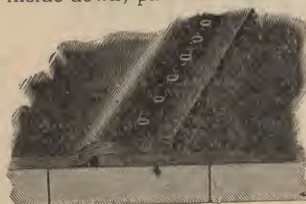
If "prepaid station," remit money with order for freight.

All bills subject to sight draft when due.

Orders or inquiries from strangers should contain references.

DIRECTIONS FOR USING.

The sheathing should be dry and well seasoned, and laid close together. See that the roof is clear of chips, nails, etc., then commence laying the felt, with the inside down, parallel with the eaves or gutter, securing the lower edge with the



(Showing Lap of Felt nailed.)

the felt at gables or eaves of frame buildings where there are no adjoining

washers and nails. Then lap the second sheet over the first one full two inches, thoroughly coating the felt between the lap with the Patent Varnish, and nail with the wire nail every inch and a half in center of lap, using the tin cap for head of nails; continue until the roof is entirely covered, being careful to make proper fastenings around chimneys, scuttles, skylights, etc., and along adjoining walls, if there be any, by turning the felt up about five inches, coating between felt and wall, and cleat tightly. To fasten

walls, it is well to use a wooden cleat about five-eighths of an inch thick and one inch wide, and turn felt down and securely nail with a ten-penny nail every six inches. When this is done be careful to cut the felt an inch longer than the roof on each side, so it can be turned down and nailed through as above. This makes a neat and satisfactory finish. After the felt is all laid, give the entire surface of the roof a coat of the patent Varnish. Should the felt be found stiff or liable to crack in unrolling, from being too long in the roll, it should be put near a stove for a short time—not too near—and then it will unroll freely; this, however, is seldom the case. Joints can be made in the roof at any place, the same as the overlaps. Do not drive any nails into the felt, except at joints or in laps. Dry weather is advisable for putting on this roofing. On flat surfaces it is well to lap three or four inches, instead of two, as directed above. In forming gutters out of the felt, put down an extra sheet, running the felt lengthwise, cementing between and fastening with washers and nails on each side.

The varnish should be melted over a slow fire in a vessel, and not boiled or overheated, as so doing makes it too thick. It requires merely to be brought to a liquid state; apply while of the right consistency and exercise care in spreading, so as not to injure the felt by rubbing up the fibre with the brush. Two gallons of coating are furnished for each square, and no more should be used, as it will be too thick. Sprinkling fine, dry sand on the roof, before the coating has set, adds to its life and serves to hold the coating in its proper place. Should the felt get wet before being coated, allow it to dry before varnishing. After the felt has been coated with the Patent Varnish, it can be painted any other desired color with ordinary mineral paint.

The roof should be painted every eighteen months after its application, and this should always be done on a dry day, and, if possible, in the autumn before the frosts come.

NOTE.—If these directions are not observed, good results should no be expected.

BUILDING AND SHEATHING PAPERS.

FLAX SHEATHING FELT.

(Made of the same materials and in the same way as the Roofing Felt, only not so thick.)

This felt is made of the fibre of Irish flax firmly carded together and then saturated with native asphalt and rolled under heavy pressure, producing a firm, strong and substantial body. It is undoubtedly the best article in the market for sheathing and lining purposes, being very durable, air-tight, water and damp-proof, practically fire-proof, strong, storm-proof and inexpensive.

It is made in rolls 32 inches wide and 75 feet long, weighing about 20 pounds to the builder's square of 100 feet.

 SEND FOR SAMPLES AND PRICES.

PLAIN STRAW BOARD.

This sheathing paper is handled extensively by lumber and hardware dealers. Put up in rolls weighing from 50 to 90 pounds, 32 inches wide, about 14 pounds to 100 square feet, or about $6\frac{1}{2}$ square feet to the pound.

TARRED BOARD.

This sheathing is handled extensively by dealers in building papers. Weighing 50 to 100 pounds per roll, 32 inches wide, about 16 pounds to 100 square feet, or about $6\frac{1}{4}$ square feet to the pound.

EXTRA TARRED FELTS.

We manufacture two (2) grades of Tarred Felt, using the greatest possible care in preparing, and guarantee them to unroll without sticking.

NO. 1 TARRED FELT.—Put up in rolls weighing about 50 pounds, 32 inches wide, about $2\frac{1}{2}$ pounds per square yard, or 28 pounds to 100 square feet. This grade is used extensively for roofing lumber camps and temporary buildings.

NO. 2 TARRED FELT.—Put up in rolls weighing about 50 pounds, 32 inches wide, about one pound to square yard, or 11 pounds to 100 square feet. This grade of Tarred Felt is used extensively for lining under Slate, Shingles, and for general sheathing purposes.

ROSIN-SIZED SHEATHING.

Our Diamond Brand Paper has been on the Western market for FIVE years, and judging from the increasing demand made every year, it is destined to become the leading Sheathing Paper. We manufacture this of carefully SELECTED stock, HARD, ROSIN-SIZED, with SMOOTH CALENDAR FINISH. There is no WASTE or SHRINKAGE in weight, STRONG, DURABLE and CLEAN to HANDLE, and we consider it an economical paper for sheathing purposes.

Put up in rolls 36 inches wide, containing 500 square feet.

P. S.—Our Diamond Brand is extensively used for lining ice houses, cold storage rooms, etc.

PLAIN AND CORRUGATED CARPET FELT.

Is the finest and best carpet lining in use; is blue and gray in color, and put up in rolls of 35 to 65 pounds each. Is 36 inches wide, and weighs about one pound to square yard. Is elastic, easily cleaned and very durable.

SEND FOR SPECIAL PRICES AND SAMPLES.

ROOF PAINTS.

COAL TAR.

Our **COAL TAR** is put up in barrels, containing 48 to 50 gallons.....\$7 00 PER BBL.

METAL PAINT.

We manufacture the most durable and Reliable Metal paint, prepared especially for painting tin, iron or metal roofs, iron fences, columns, smoke-stacks, etc. It is water-proof, and preserves metal for years.

In barrels, containing 48 to 50 gallons.....55C. PER GAL.
In 5 and 10 gallon kegs.....60C. " "

SHINGLE PAINT.

This we make for painting shingle roofs; it has been used with success for a number of years.

In barrels, containing 48 to 50 gallons.....30C. PER GAL.
In 5 and 10 gallon kegs.....35C. " "

ASPHALTUM CEMENT

Is a water-proof material, and used extensively, and with satisfactory results, by many of our best customers in repairing composition roofs, leaky tin and shingle roofs.

In barrels, containing 45 to 50 gallons.....30C. PER GAL.
In half-barrels, containing 25 to 30 gallons.....35C. " "
In kegs, 5 and 10 gallons.....40C. " "
In buckets, 2 and 3 gallons.....45C. " "

H. REINSTEDLER,

1104-1112 N. THIRD ST.

IMPORTER OF

FLAX ROOFING

AND MANUFACTURER OF

BUILDING PAPERS, ROOF PAINTS, ETC.

DEALERS SPECIAL PRICE LIST.

ST. LOUIS,

1890.

I quote the following net prices to Dealers, at warehouses St. Louis adopted May 1st 1890, cancelling all previous quotations and subject to change without notice:

FLAX ROOFING COMPLETE.

CATALOGUE PRICES.

1st Grade,	-	-	-	-	-	-	-	\$3 75 per square.
2d "	-	-	-	-	-	-	-	3 25 "

SPECIAL DISCOUNTS.

SMALL LOTS, 25 PER CENT. LOTS OF 50 SQRS. OR MORE, 30 PER CENT.

~~10~~ SPECIAL PRICES ON LARGER QUANTITIES. ~~50~~

NOTE.—Above prices include sufficient Felt, Asphalt Coating, Tin Washers and Barbed Wire Nails to complete a square (10x10 feet).

PAPERS AND FELTS.

Flax Sheathing Felt,	-	-	-	-	-	-	\$3 50 per cwt.
Extra Tarred Felt, new quality,	-	-	-	-	-	-	1 85 "
Plain Straw Board,	"	-	-	-	-	-	1 15 "
Saturated Straw Board, new quality,	-	-	-	-	-	-	1 30 "
Red Cedar Carpet Felt, new quality,	-	-	-	-	-	-	1 85 "
Corrugated Carpet Felt, new quality,	-	-	-	-	-	-	2 75 "
Rosinsized Sheathing (1st grade),	-	-	-	-	-	\$1 40 per Roll, 500 sq ft.	
" " (2d grade),	-	-	-	-	-	1 25 "	"

ROOF PAINTS.

Asphalt Cement (in bbls),	-	-	-	-	-	24c per gallon.
" " (in kegs),	-	-	-	-	-	28c "
Coal Tar (in bbls),	-	-	-	-	-	15c "
" (in kegs),	-	-	-	-	-	20c "

No charge for packages.

WASHERS AND NAILS.

Tin Washers (any quantity),	-	-	-	-	9c per pound.
Barbed Wire Roofing Nails (any quantity),	-	-	-	-	7½ "

Samples furnished upon application. Special Prices on large lots.

I guarantee best quality of material and solicit your order.

Very respectfully,

H. REINSTEDLER.

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